Margaret P Rayman

List of Publications by Year
in descending order

83	14,068	46918 47	66788 78
papers	citations	h-index	g-index

86	86	86	12782
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iodine status of pregnant women from the Republic of Cyprus. British Journal of Nutrition, 2023, 129, 126-134.	1.2	1
2	Does atmospheric dimethyldiselenide play a role in reducing COVID-19 mortality?. Gondwana Research, 2023, 114, 87-92.	3.0	4
3	The role of selenium in type-2 diabetes mellitus and its metabolic comorbidities. Redox Biology, 2022, 50, 102236.	3.9	88
4	Dietary factors that affect the risk of pre-eclampsia. BMJ Nutrition, Prevention and Health, 2022, 5, 118-133.	1.9	18
5	Systematic study of the selenium fractionation in human plasma from a cancer prevention trial using HPLC hyphenated to ICP-MS and ESI-MS/MS. Analytical and Bioanalytical Chemistry, 2021, 413, 331-344.	1.9	5
6	Endoplasmic reticulum stress and oxidative stress drive endothelial dysfunction induced by high selenium. Journal of Cellular Physiology, 2021, 236, 4348-4359.	2.0	32
7	Optimising COVID-19 vaccine efficacy by ensuring nutritional adequacy. British Journal of Nutrition, 2021, 126, 1919-1920.	1.2	25
8	SARS-CoV-2 suppresses mRNA expression of selenoproteins associated with ferroptosis, endoplasmic reticulum stress and DNA synthesis. Food and Chemical Toxicology, 2021, 153, 112286.	1.8	56
9	Boosting and lassoing new prostate cancer SNP risk factors and their connection to selenium. Scientific Reports, 2021, 11, 17877.	1.6	2
10	Similarities and differences of dietary and other determinants of iodine status in pregnant women from three European birth cohorts. European Journal of Nutrition, 2020, 59, 371-387.	1.8	19
11	Selenium intake, status, and health: a complex relationship. Hormones, 2020, 19, 9-14.	0.9	234
12	Selenium and selenoproteins in viral infection with potential relevance to COVID-19. Redox Biology, 2020, 37, 101715.	3.9	126
13	Maternal Iodine Status During Pregnancy Is Not Consistently Associated with Attention-Deficit Hyperactivity Disorder or Autistic Traits in Children. Journal of Nutrition, 2020, 150, 1516-1528.	1.3	6
14	Reply to LA Seale et al. American Journal of Clinical Nutrition, 2020, 112, 448-450.	2.2	0
15	Metallic iron in cornflakes. Food and Function, 2020, 11, 2938-2942.	2.1	2
16	Association between regional selenium status and reported outcome of COVID-19 cases in China. American Journal of Clinical Nutrition, 2020, 111, 1297-1299.	2.2	279
17	Dairy foods as a source of dietary iodine. , 2020, , 323-345.		1
18	Systematic review and meta-analysis of the effects of iodine supplementation on thyroid function and child neurodevelopment in mildly-to-moderately iodine-deficient pregnant women. American Journal of Clinical Nutrition, 2020, 112, 389-412.	2.2	70

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19	Association of Maternal Iodine Status With Child IQ: A Meta-Analysis of Individual Participant Data. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5957-5967.	1.8	95
20	Multiple nutritional factors and thyroid disease, with particular reference to autoimmune thyroid disease. Proceedings of the Nutrition Society, 2019, 78, 34-44.	0.4	147
21	Effect of selenium supplementation on changes in HbA1c: Results from a multipleâ€dose, randomized controlled trial. Diabetes, Obesity and Metabolism, 2019, 21, 541-549.	2.2	21
22	Selenium Deficiency and Thyroid Disease. , 2019, , 109-126.		8
23	Selenium, selenoprotein P, and Alzheimer's disease: is there a link?. Free Radical Biology and Medicine, 2018, 127, 124-133.	1.3	82
24	Effect of long-term selenium supplementation on mortality: Results from a multiple-dose, randomised controlled trial. Free Radical Biology and Medicine, 2018, 127, 46-54.	1.3	135
25	Has the UK really become iodine sufficient?. Lancet Diabetes and Endocrinology,the, 2018, 6, 89-90.	5.5	4
26	Thyroid Function in Early Pregnancy, Child IQ, and Autistic Traits: A Meta-Analysis of Individual Participant Data. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2967-2979.	1.8	77
27	Iodine as Essential Nutrient during the First 1000 Days of Life. Nutrients, 2018, 10, 290.	1.7	115
28	Selenium, selenoproteins and selenometabolites in mothers and babies at the time of birth. British Journal of Nutrition, 2017, 117, 1304-1311.	1.2	20
29	Multiple Nutritional Factors and the Risk of Hashimoto's Thyroiditis. Thyroid, 2017, 27, 597-610.	2.4	119
30	Iodine concentration of milk-alternative drinks available in the UK in comparison with cowsâ€™ milk. British Journal of Nutrition, 2017, 118, 525-532.	1.2	67
31	Association between maternal vitamin D status in pregnancy and neurodevelopmental outcomes in childhood: results from the Avon Longitudinal Study of Parents and Children (ALSPAC). British Journal of Nutrition, 2017, 117, 1682-1692.	1.2	59
32	Thyroglobulin as a Functional Biomarker of Iodine Status in a Cohort Study of Pregnant Women in the United Kingdom. Thyroid, 2017, 27, 426-433.	2.4	32
33	No effect of modest selenium supplementation on insulin resistance in UK pregnant women, as assessed by plasma adiponectin concentration. British Journal of Nutrition, 2016, 115, 32-38.	1.2	21
34	Genetic polymorphisms that affect selenium status and response to selenium supplementation in United Kingdom pregnant women. American Journal of Clinical Nutrition, 2016, 103, 100-106.	2.2	48
35	Trace element concentration in organic and conventional milk: what are the nutritional implications of the recently reported differences?. British Journal of Nutrition, 2016, 116, 3-6.	1.2	10
36	Is Adequate Selenium Important for Healthy Human Pregnancy?. , 2016, , 353-364.		3

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37	Selenoprotein Gene Nomenclature. Journal of Biological Chemistry, 2016, 291, 24036-24040.	1.6	207
38	Ensuring Effective Prevention of Iodine Deficiency Disorders. Thyroid, 2016, 26, 189-196.	2.4	30
39	A multi-centre pilot study of iodine status in UK schoolchildren, aged 8â€“10Âyears. European Journal of Nutrition, 2016, 55, 2001-2009.	1.8	23
40	Effect of low-dose selenium on thyroid autoimmunity and thyroid function in UK pregnant women with mild-to-moderate iodine deficiency. European Journal of Nutrition, 2016, 55, 55-61.	1.8	120
41	Randomised controlled trial of the effect of long-term selenium supplementation on plasma cholesterol in an elderly Danish population. British Journal of Nutrition, 2015, 114, 1807-1818.	1.2	30
42	Selenium status in UK pregnant women and its relationship with hypertensive conditions of pregnancy. British Journal of Nutrition, 2015, 113, 249-258.	1.2	70
43	A review of the iodine status of UK pregnant women and its implications for the offspring. Environmental Geochemistry and Health, 2015, 37, 619-629.	1.8	56
44	The new emergence of iodine deficiency in the UK: consequences for child neurodevelopment. Annals of Clinical Biochemistry, 2015, 52, 705-708.	0.8	24
45	Low Population Selenium Status Is Associated With Increased Prevalence of Thyroid Disease. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4037-4047.	1.8	191
46	Gestational changes in iodine status in a cohort study of pregnant women from the United Kingdom: season as an effect modifier. American Journal of Clinical Nutrition, 2015, 101, 1180-1187.	2.2	57
47	Iodine intake and status of UK women of childbearing age recruited at the University of Surrey in the winter. British Journal of Nutrition, 2014, 112, 1715-1723.	1.2	47
48	Effect of selenium on markers of risk of pre-eclampsia in UK pregnant women: a randomised, controlled pilot trial. British Journal of Nutrition, 2014, 112, 99-111.	1.2	92
49	Iodine deficiency in pregnant women living in the South East of the UK: the influence of diet and nutritional supplements on iodine status. British Journal of Nutrition, 2014, 111, 1622-1631.	1.2	96
50	Selenoprotein Gene Variants, Toenail Selenium Levels, and Risk for Advanced Prostate Cancer. Journal of the National Cancer Institute, 2014, 106, dju003.	3.0	49
51	Anthropometric indices and selenium status in British adults: The U.K. National Diet and Nutrition Survey. Free Radical Biology and Medicine, 2013, 65, 1315-1321.	1.3	31
52	Effect of inadequate iodine status in UK pregnant women on cognitive outcomes in their children: results from the Avon Longitudinal Study of Parents and Children (ALSPAC). Lancet, The, 2013, 382, 331-337.	6.3	597
53	Epidemiology of selenium and type 2 diabetes: Can we make sense of it?. Free Radical Biology and Medicine, 2013, 65, 1557-1564.	1.3	187
54	Selenium and human health. Lancet, The, 2012, 379, 1256-1268.	6.3	2,486

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55	Supranutritional selenium induces alterations in molecular targets related to energy metabolism in skeletal muscle and visceral adipose tissue of pigs. Journal of Inorganic Biochemistry, 2012, 114, 47-54.	1.5	78
56	Effect of Prenatal Selenium Supplementation on Cord Blood Selenium and Lipid Profile. Pediatrics and Neonatology, 2012, 53, 334-339.	0.3	24
57	A Randomized Trial of Selenium Supplementation and Risk of Type-2 Diabetes, as Assessed by Plasma Adiponectin. PLoS ONE, 2012, 7, e45269.	1.1	78
58	Effect of supplementation with selenium on postpartum depression: a randomized double-blind placebo-controlled trial. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 104-108.	0.7	79
59	Effect of Supplementation With High-Selenium Yeast on Plasma Lipids. Annals of Internal Medicine, 2011, 154, 656.	2.0	100
60	Maternal selenium status during early gestation and risk for preterm birth. Cmaj, 2011, 183, 549-555.	0.9	94
61	Selenium and Adverse Health Conditions of Human Pregnancy. , 2011, , 531-544.		2
62	Symposium on â€˜Geographical and geological influences on nutritionâ€™ Factors controlling the distribution of selenium in the environment and their impact on health and nutrition. Proceedings of the Nutrition Society, 2010, 69, 119-132.	0.4	168
63	Plasma selenium and risk of dysglycemia in an elderly French population: results from the prospective Epidemiology of Vascular Ageing Study. Nutrition and Metabolism, 2010, 7, 21.	1.3	103
64	Prooxidant-antioxidant balance in pregnancy: a randomized double-blind placebo-controlled trial of selenium supplementation. Journal of Perinatal Medicine, 2010, 38, 473-8.	0.6	18
65	Selenium Supplementation and the Incidence of Preeclampsia in Pregnant Iranian Women: A Randomized, Double-Blind, Placebo-Controlled Pilot Trial. Taiwanese Journal of Obstetrics and Gynecology, 2010, 49, 181-187.	0.5	67
66	Plasma selenium concentration and prostate cancer risk. American Journal of Clinical Nutrition, 2009, 89, 1276-1277.	2.2	8
67	Selenium and Vitamin E Supplementation for Cancer Prevention. JAMA - Journal of the American Medical Association, 2009, 301, 1876.	3.8	45
68	Selenoproteins and human health: Insights from epidemiological data. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 1533-1540.	1.1	169
69	Dietary manipulation in musculoskeletal conditions. Best Practice and Research in Clinical Rheumatology, 2008, 22, 535-561.	1.4	18
70	Food-chain selenium and human health: emphasis on intake. British Journal of Nutrition, 2008, 100, 254-268.	1.2	644
71	A survey to estimate total nutrient intake at conception â€" Dietary and supplementary. Journal of Nutritional and Environmental Medicine, 2008, 17, 12-43.	0.1	3
72	Food-chain selenium and human health: spotlight on speciation. British Journal of Nutrition, 2008, 100, 238-253.	1.2	369

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73	Survey of total folate intake at conception and assessment of impact of fortification. Journal of Nutritional and Environmental Medicine, 2008, 17, 44-55.	0.1	3
74	Interaction between Single Nucleotide Polymorphisms in Selenoprotein P and Mitochondrial Superoxide Dismutase Determines Prostate Cancer Risk. Cancer Research, 2008, 68, 10171-10177.	0.4	112
75	Randomized controlled trial of the effect of selenium supplementation on thyroid function in the elderly in the United Kingdom. American Journal of Clinical Nutrition, 2008, 87, 370-378.	2.2	97
76	Randomised, double blind, placebo-controlled trial of selenium supplementation in adult asthma. Thorax, 2007, 62, 483-490.	2.7	74
77	Selenium in cancer prevention: a review of the evidence and mechanism of action. Proceedings of the Nutrition Society, 2005, 64, 527-542.	0.4	704
78	The use of high-selenium yeast to raise selenium status: how does it measure up?. British Journal of Nutrition, 2004, 92, 557-573.	1.2	477
79	Low selenium status is associated with the occurrence of the pregnancy disease preeclampsia in women from the United Kingdom. American Journal of Obstetrics and Gynecology, 2003, 189, 1343-1349.	0.7	136
80	The argument for increasing selenium intake. Proceedings of the Nutrition Society, 2002, 61, 203-215.	0.4	390
81	Abnormal iron parameters in the pregnancy syndrome preeclampsia. American Journal of Obstetrics and Gynecology, 2002, 187, 412-418.	0.7	96
82	The importance of selenium to human health. Lancet, The, 2000, 356, 233-241.	6.3	3,445
83	Comparison of selenium levels in pre-eclamptic and normal pregnancies. Biological Trace Element Research, 1996, 55, 9-20.	1.9	39